

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A system for generating a user interface for a web application program, the system comprising:

a repository of reusable screen components including graphical user interface (GUI) components;

means for enabling a user to create a web page layout by:

[[-]] selecting (GUI) components from the repository,

[[-]] arranging the selected GUI components within the web page,

[[-]] defining interaction between ~~screen~~ at least two of the selected GUI components, the interaction including causing a first GUI component to perform an action in response to an event generated by a second GUI component, and

[[-]] defining interaction between one or more of the GUI screen- components and the web application program, the interaction involving business data and one or more backend systems; and

means for storing rendering information of the web page layout to enable a web server to render the web page.

2. (Original) A system according to claim 1, wherein the repository of reusable screen components includes at least one of a tray component, a tab-strip component, a tool-bar component, a text area component, a form-box component, a

selection-box component, a table-view component, a table-view-for-time-series component, and a chart component.

3. (Original) A system according to claim 1, wherein the means for storing rendering information include means for storing at least one of layout settings of the selected components, properties of the selected components, and the handling of data represented by the selected components.

4. (Original) A system according to claim 1, wherein the means for storing rendering information includes data storage means for storing variables defining the web page layout.

5. (Original) A system according to claim 4, further comprising means for retrieving the stored rendering information and generating hypertext mark-up language (HTML) code using the rendering information.

6. (Original) A system according to claim 1, wherein the means for storing rendering information includes data storage means for storing variables describing event handlers assigned to the reusable components.

7. (Original) A system according to claim 1, wherein the means for storing rendering information includes data storage means for storing variables

describing an application model assignment of the data presented by the reusable components.

8. (Currently Amended) A system for generating a user interface for a web application program, the system comprising:

a first set of database tables to define screens including tables that describe graphical user interface (GUI) screen components, screen layout, component configuration, application model assignment, and event handling;

a first set of transactions for administrating the first set of database tables;
and

means for generating the web pages by accessing the first set of database tables using the first set of transactions, wherein accessing the first set of database tables includes accessing information relating to at least one of the GUI screen components and event handling; and

a second set of database tables based upon the first set of database tables, the second set of database tables being used for customization and personalization of the user interface.

9. (Canceled).

10. (Currently Amended) A system according to claim 8, wherein the first set of database tables that describe GUI screen components include at least one of a tray component, a tab-strip component, a tool-bar component, a text area component,

a form-box component, a selection-box component, a table-view component, a table-view-for-time-series component, and a chart component.

11. (Currently Amended) A method for generating a user interface for a web application program, the method comprising:

selecting graphical user interface (GUI) components from a repository of reusable screen components;

arranging the selected GUI components to create a web page layout;

defining interaction between interacting screen at least two of the selected GUI components, the interaction including causing a first GUI component to perform an action in response to an event generated by a second GUI component;

defining interaction between one or more of the GUI and between screen components and the web application program, the interaction involving business data and one or more backend systems; and

storing rendering information of the web page layout to enable rendering of the web page by a web server.

12. (Original) A method according to claim 11, wherein the repository of reusable screen components includes at least one of a tray component, a tab-strip component, a tool-bar component, a text area component, a form-box component, a selection-box component, a table-view component, a table-view-for-time-series component, and a chart component.

13. (Currently Amended) A method according to claim 11, wherein storing the rendering information comprises at least one of storing layout settings of the selected GUI components, storing properties of the selected GUI components, and storing information about the handling of data represented by the selected GUI components.

14. (Original) A method according to claim 11, wherein storing rendering information comprises storing variables defining the web page layout.

15. (Original) A method according to claim 14, further comprising retrieving the stored rendering information and generating hypertext mark-up language (HTML) code using the rendering information.

16. (Original) A method according to claim 11, wherein storing rendering information comprises storing variables defining event handlers assigned to the reusable components.

17. (Original) A method according to claim 11, wherein storing rendering information comprises storing variables defining an application model assignment of the data presented by the reusable components.

18. (Original) A computer program product comprising program code means stored on a computer readable medium for performing a method according to any one of the claims 11 to 17 when the program is run on a computer.

19. (Currently Amended) A computer readable medium that stores executable instructions causing a computer system to provide:

a repository of reusable screen components including graphical user interface (GUI) components;

means for enabling a user to create a web page layout by:

[[-]] selecting (GUI) components from the repository,

[[-]] arranging the selected GUI components within the web page,

[[-]] defining interaction between ~~interacting screen~~ at least two of the selected GUI components, the interaction including causing a first GUI component to perform an action in response to an event generated by a second GUI component,
and

[[-]] defining interaction between ~~screen components~~ one or more of the GUI components and the web application program, the interaction involving business data and one or more backend systems; and

means for storing rendering information of the web page layout to enable the web server to render of the web page.

20. (Original) A computer readable medium according to claim 19, further comprising instructions operable to cause the computer system to have the repository of reusable screen components include at least one of a tray component, a tab-strip component, a tool-bar component, a text area component, a form-box component, a selection-box component, a table-view component, a table-view-for-time-series component, and a chart component.

21. (Currently Amended) A computer readable medium according to claim 19, further comprising instructions operable to cause the computer system to provide means for storing the rendering information, including means for storing at least one of layout settings of the selected GUI components, properties of the selected GUI components, and the handling of data represented by the selected GUI components.

22. (Original) A computer readable medium according to claim 19, further comprising instructions operable to cause the computer system to provide data storage means for storing variables defining the web page layout.

23. (Original) A computer readable medium according to claim 22, further comprising instructions operable to cause the computer system to provide means for retrieving the stored rendering information and generating hypertext mark-up language (HTML) code using the rendering information.